

ENGINE DRIVEN BY HIGH-PRESSURE GAS

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ABSTRACT OF THE DISCLOSURE

10 An engine driven by high-pressure gas comprises: a
high-pressure gas tank (7) for storing high-pressure gas;
a piston (3) displaced when pressure is given from the
high-pressure gas tank (7) to the piston (3), the piston
(3) composing an expansion chamber (4) in which the high-
pressure gas is expanded; and a crank shaft for
15 converting a displacement of the piston (3) into a rotary
motion, and fuel is burnt in the expansion chamber (4)
when a volume of the expansion chamber (4) is expanded by
the high-pressure gas supplied into the expansion chamber
(4). Due to the foregoing, the piston (3) is displaced
20 mainly by the pressure of high-pressure gas in the same
manner as that of starting the engine, and the combustion
of fuel is mainly used to prevent the temperature of gas
in the expansion chamber (4) from being decreased.